

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tao XIA et al.

Serial No.: 09/742,405

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For: WAVELET-ENHANCED AUTOMATED FINGERPRINT IDENTIFICATION
SYSTEM

Conf. No.: 8743

Group: Unknown

Examiner: Unknown



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Technology Center 2600

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

March 9, 2001

Dear Sir:

The following Preliminary Amendments and Remarks are respectfully submitted in conjunction with the above-identified application.

IN THE SPECIFICATION

On page 4, please replace the second paragraph containing lines 8-25 with the following rewritten paragraph:

A. --The conventional art includes many methods of fingerprint registration. Among them, minutia-based methods are the most popular approaches (e.g. Ratha et al., "A Real-Time Matching System For Large Fingerprint Databases", IEEE Trans. PAMI, 18 (8), 799-813, Aug., 1996). Such methods make use of the positional and orientational information of each minutia (e.g. Ratha et al., "A Real-Time Matching System For Large Fingerprint Databases", IEEE Trans. PAMI, 18 (8), 799-813, Aug., 1996; Hrechak et al., "Automated Fingerprint Recognition Using Structural Matching", Pattern Recognition, 23(8), 893-904, 1990; Wahab et al., "Novel Approach To Automated Fingerprint Recognition", Proc. IEE Visual Image Signal Processing, 145(3), 160-166, 1998; and Chang et al., "Fast Algorithm For Point Pattern Matching: Invariant To Translations, Rotations And Scale Changes", Pattern Recognition, 30(2) 311-320, 1997), or possibly together with a segment of